



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIRCUL-S STAR-40
B) TRIM SOL
 2. THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
 3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
- * TOLERANCE DETERMINED BY VENDOR FOR E BEAM WELD OR VACUUM BRAZING REQUIREMENT

REV	CHANGE DESCRIPTION	BY	DATE
1	ISSUED FOR FABRICATION		

ITEM		ORGANIZATION		NOMENCLATURE OR DESCRIPTION		MATERIAL SPEC.		DATE	
A13698		MUSCIA		4\"/>		MUSCIA		9/27/05	
PARTS LIST		ARGONNE NATIONAL LABORATORY		ADVANCED PHOTON SOURCE		4\"/>		P4102010109-210005-00	
OFFICE OF		COPPER		1:1		E		1	